Enhanced with you in mind

Firmware Version 2

Designed by you
Built by Canon

EOS 7D Ver.2

Canon

Power to create stunning images

Take your photography to the next level. An 18-megapixel CMOS sensor ensures pictures are rich in detail and dynamic range, and noise levels are low – even in dark conditions.

EOS movies

Be as creative with moving pictures as you are with stills. The EOS 7D's Full-HD video capabilities include complete control over exposure, audio and frame rate. Use Canon's extensive EF lens range to create cinematic effects and distinctive shooting styles.

Part of the EOS system

The EOS 7D is supported by a system of lenses, flashguns and accessories trusted by photographers all over the world. Choose from ultra wide-angle optics that take in every detail, to super telephotos that get you close to the action. Or maybe a specialist macro lens for intricate close-up photography.

Enhanced with you in mind

The EOS 7D is now better than ever, with new features and functionality inspired by photographers like you. Enjoy improved handling, support for new accessories and even better performance with the Firmware update v2.

New features provided by updated Firmware v2

- Improved RAW max burst
- In camera RAW processing
- Image Rating
- Improved movie functionality - audio
- Auto ISO max setting
- Re sizing recorded pixels
- Support for GP-E2
- Quick Control during playback
- File name setting
- Time zone setting
- Faster Screen Scrolling speed of magnified images

Brochure photography:
Fergus Kennedy with the EOS 7D

18.0 MEGA PIXELS CMOS

18-megapixel resolution

Inside every EOS 7D is an 18-megapixel CMOS sensor that sees the world with extraordinary clarity and depth. Images are full of detail, measuring 5184x3456 pixels straight from the camera. They can be printed at large sizes – perfect for those fine art landscape pictures – or cropped for alternative compositions without compromising on quality.

Only Canon controls every aspect of sensor design and manufacture, from conception to production, ensuring every EOS camera delivers the very best in image quality.

ISO 6400

Low-light shooting

When light levels drop, the EOS 7D lets you carry on shooting hand-held and flash-free. The camera's sensitivity range extends up to ISO 6400, and can be pushed to a staggering ISO 12,800 for photography in near-dark conditions. Auto ISO adds flexibility when working under rapidly changing light conditions, and can be capped at a maximum limit.

Each light-sensitive photosite on the sensor's surface is equipped with a gapless micro lens and a signal amplifier, which enhance sensitivity and boost signal-to-noise ratio. Add in noise reduction from the EOS 7D's DIGIC 4 image processors, and larger pixels that harvest more light, and the result is stunning images.

Capture every detail

From its high-resolution sensor to its advanced electronics, the EOS 7D is designed from the ground up to deliver great image quality, whatever the lighting conditions.

63 ZONE Dual-Layer Metering

DiG!C 4 DUAL

Intelligent exposure metering

Each time you compose a photograph, the EOS 7D's iFCL exposure metering analyses the scene too. The frame is divided into 63 zones, with each being assessed for brightness and colour.

Distance information from the camera's autofocus system is added, and the optimum combination of aperture and shutter speed is calculated.

The result? Exposures you can rely on time and time again, even under the most challenging circumstances.

14-bit electronic architecture

Working in partnership with the EOS 7D's CMOS sensor is a pair of DIGIC 4 image processors that are responsible for controlling the camera's operation, including turning sensor data into JPEG or RAW image files.

This 14-bit electronic architecture helps deliver life-like colours, with smooth gradation from one hue to the next, and exceptional dynamic range.

With high-speed shooting and sophisticated autofocus technology, the EOS 7D is always ready for the next image, no matter what you are shooting.

Advanced performance

DiG!C 4 DUAL

Dual "DIGIC 4" processors

Enjoy faster shooting times and quicker response times. Dual "DIGIC 4" processors work together in tandem to deliver eight 18-megapixel images every second in JPEG or RAW format. The EOS 7D's continuous-shooting mode is perfect for wildlife, action and sports, or even portraiture, when you want be sure of capturing that decisive moment.

Such speed requires new approaches to camera design, including more energy-efficient motors and a re-engineered reflex mirror to minimise 'bounce' during shooting.

Thanks to recent upgrades to its firmware, the EOS 7D can now shoot at its top speed of 8fps for up 25 RAW files, or 130 JPEGs. That's enough for over 15 seconds of continuous shooting.

All Cross-type 19-point AF

19-point autofocus

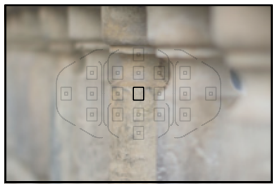
The moment you half press the EOS 7D's shutter release, correct focus is established with breath-taking speed. No fewer than 19 autofocus points, spread out across the frame in a diamond pattern, ensure wide, accurate coverage. Like in the EOS-1 series a dedicated AF microprocessor enhances speed.

Uniquely, each of the EOS 7D's 19 focus points is a cross-type sensor for added sensitivity, even with lenses having a maximum aperture of f/5.6. Points at the top, middle and bottom of the frame are enhanced with the inclusion of extra, off-set sensors, which further increases their performance.

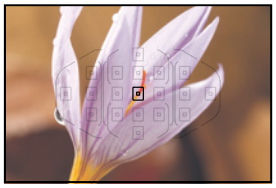
Active focus points can be set automatically or assigned manually.

Focus points can be assigned to vertical or horizontal shooting, automatically switching as you rotate the camera.

AF Selection methods



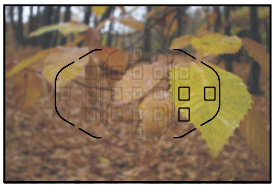
Manual selection: single point. Any of the 19 points can be selected individually



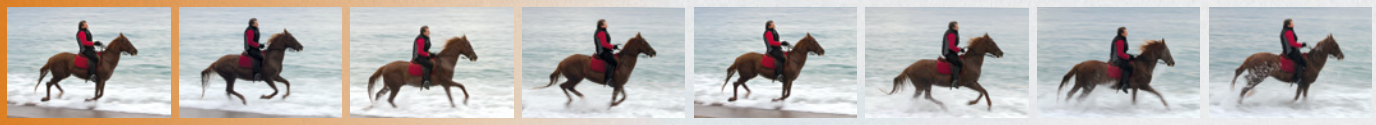
Manual selection: spot. Similar to single point, but with a smaller focus point size for more precision

Manual selection: focus-point expansion. Focus is obtained using the selected focus point with the help of the surrounding points – great for moving subjects

Manual selection: zone AF. Restricts Automatic Selection of AF Points to a user selected zone



Auto selection. Closest object to the camera is used to obtain accurate focus



Continuous shooting at 8 frames per second

8.0 Frames Per Sec

Stay ahead of the action, shooting eight 18-megapixel images every second in JPEG or RAW format. The EOS 7D's continuous-shooting mode is perfect for wildlife, action and sports, or even portraiture, when you want be sure of capturing that decisive moment.

Tv (Shutter Speed): 1/640
Av (Aperture Value): f/3.5
ISO Speed: 320
Lens: EF 70-200mm f/2.8L IS II USM
Focal length: 200.0mm

It's obvious from the moment you pick it up that the EOS 7D is something special. Its ergonomic grip, intuitive control layout and large viewfinder are all designed to one end: to help you shoot amazing images.

Designed for photographers

Tough, weather-proof construction

The EOS 7D has been designed to keep you shooting, no matter how tough conditions get. A magnesium-alloy chassis adds strength and saves weight, while rubber seals surround the camera's controls and sockets, preventing dust and moisture from entering.

It's a similiar system to Canon's professional L-series lens range and top-of-the-range Speedlite flashguns, providing the same level of protection found in the EOS-1n.

The same robust build quality continues inside the camera, with a precision-engineered shutter that is guaranteed for at least 150,000 shots. Sophisticated sensor cleaning technology ensures your images stay free of dust spots.

Informative viewfinder

A range of exposure and focusing information is available in the EOS 7D's large bright viewfinder. An electronic display under the main viewing area shows the shutter speed, aperture and ISO sensitivity currently in use, as well as other information concerning the camera's status. The Transmissive LCD indicates which focus points are currently active, and which has locked on to your subject, as well as a grid overly and spot metering circle.

A built-in digital spirit level tells you when your camera is perfectly horizontal or vertical – invaluable for precision landscape and architectural photography. Approximately 100 per cent viewfinder coverage ensures total framing accuracy.

Clear View II LCD Screen

The rear of the EOS 7D is dominated by a three-inch, 920,000-dot LCD screen that is used for reviewing images, navigating the camera's menu systems and shooting still images and video in Live View mode.

The screen itself has been designed and constructed to minimise glare in bright conditions. The gap between the screen and its protective glass cover is filled with an elastic optical material that reduces reflections. The display is viewable from an angle of 160-degrees either side of the camera.

Ergonomic design

The EOS 7D's user interface and control layout is the product of years of design evolution. If you've ever used an EOS before you'll feel at home instantly. And if you haven't, we think you'll like what you find.

A moulded grip ensures the camera feels balanced and comfortable in the hand. Extra touches – like the dedicated RAW/JPEG switch, user-customisable controls and full-time HD-video capture button – offer new levels of control and flexibility.

Weather proof sealing protects the EOS 7D against dust and moisture

Sealing materials

High-precision alignment of seams and high-density structure

In-camera editing

Firmware upgrades to the EOS 7D have given the photographer more control over how images look, allowing post production and editing to begin in-camera, straight after shooting.

Adjustments to colour saturation, white balance, sharpness, Picture Style and a host of other parameters can now be made to RAW files in camera, and the results saved as new JPEG files.

Furthermore, the EOS 7D's JPEG-resize function means web-friendly versions of images can be created on the move, without the need for a PC or Mac.

The EOS 7D's image-rating facility allows photographers to start editing-down a large collection of images while still on the road. Assign star ratings to images, with your favourites getting a five-star award. This data is stored in the file's metadata and read by software like Canon Digital Photo Professional, as well as Adobe Lightroom and Bridge, and Apple's Aperture.

EOS movies

With the EOS 7D's Full-HD video capabilities, you can be as creative with movies as you are with still photography.

Access the QR code with your mobile device to view the EOS 7D sample video

Full HD quality with manual creative control

Shoot high-quality movies at 1080p resolution and discover new ways to be creative with video. Optics from Canon's extensive EF lens range permit cinematic effects and shooting styles that are simply not possible on conventional camcorders.

Shoot at wide apertures for great quality in low light, or to restrict depth of field and blur backgrounds.

Specialist optics, such as perspective-control or macro lenses, can be used to give an alternative look and feel to movie footage.

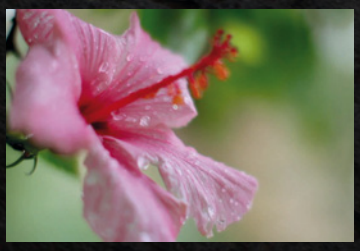
Cinematographers can enjoy a full range of manual controls on the EOS 7D, including aperture, shutter speed, ISO sensitivity and white balance. Frame rate can be selected from one of five options: 24, 25, 30, 50 or 60 fps.

Digital-quality stereo sound

Complement your movie footage with 16-bit digital stereo sound, sampled at 48KHz. Use the EOS 7D's built in stereo microphone, or attach an external unit through the camera's standard 3.5mm jack.

Sound level can be switched between automatic and manual, with a 64-level scale available in manual mode.
A digital wind-cut filter is provided, which reduces the noise made by air moving around the microphone.

Tv (Shutter Speed): 1.0
Av (Aperture Value): f/16.0
ISO Speed: 100
Lens: EF-S 10-22mm f/3.5-4.5 USM
Focal length: 10.0mm



Creative flash photography

The EOS 7D's built-in flash also acts as a control unit for Canon Speedlite flashes used off camera

Flash is more than a way of coping in low-light conditions. The EOS 7D's sophisticated flash technology gives you complete control over the direction, intensity and quality of the light you are shooting with.

Integrated Speedlite TRANSMITTER

Integrated Speedlite Transmitter

So much more than just a flash gun: the EOS 7D's built-in flash also acts as a control unit for Canon Speedlite flashes used off camera, making wireless remote flash easier than ever before.

Off-camera Speedlite flashes can be used by themselves or controlled in groups of two or three. The flash output from each group is individually adjustable, enabling you to control lighting ratios accurately and consistently.

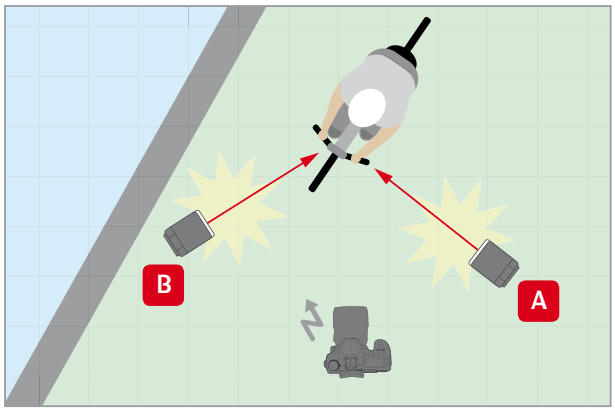
Sophisticated E-TTL II flash metering

Whether you are using the EOS 7D's built-in flash, a larger unit like the Speedlite 580EX II, or multiple Speedlite units positioned off camera, you can rely on Canon's E-TTL II flash exposure metering.

A series of pre-flashes before the main exposure determines the correct flash exposure for the selected aperture and ISO. The EOS 7D will even take into account light from other sources, making mixed ambient-flash photography quick and easy.

A = Main flash Speedlite 580EX II

B = Fill flash Speedlite 580EX II



Integrated flash

The features and sophistication of the EOS 7D's built-in flash unit rival those of external Speedlite flashguns. Output is adjustable in 1/3-stops between full and 1/128 power and features such as second-curtain sync and stroboscopic firing allow for creative effects.

Of course you can also leave the EOS 7D to do all of the hard work for you with its sophisticated E-TTL II flash metering system, meaning you can concentrate on taking pictures.

Tv (Shutter Speed): 1/250
Av (Aperture Value): f/8.0
ISO Speed: 160
Lens: EF-S 10-22mm f/3.5-4.5 USM
Focal length: 16.0mm

Welcome to the world of EOS

The EOS system is about more than just cameras. It's a collection of lenses, flashguns and accessories that is trusted by professionals and enthusiasts all over the world.

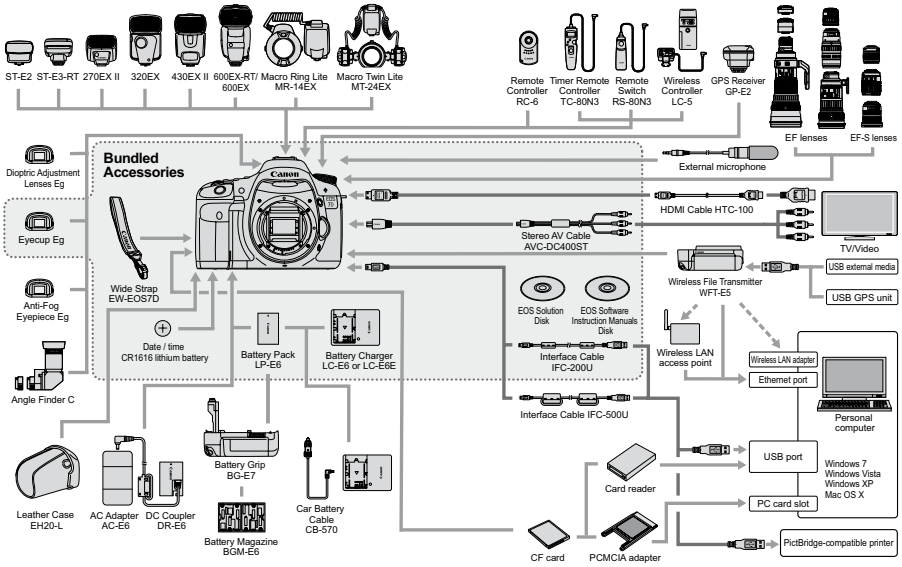
Canon EF lenses and accessories

The EOS 7D is compatible with over 60 different EF and EF-S lenses, making it a versatile creative tool. Choose from a range that includes ultra wide-angle lenses, high-magnification super telephotos, and everything in between. Space-saving zooms are ideal for everyday or travel use; prime lenses offer the ultimate in picture quality.

Take advantage of Image Stabilizer technology, which allows hand-held photography at shutter speeds up to four stops longer than usual without camera shake.

Ultrasonic AF motors provide swift, near silent focusing with excellent accuracy.

Canon lenses are built to exacting standards. Ultra-low dispersion (UD) and super UD lens elements prevent chromatic aberrations (coloured fringing) along high-contrast edges. Aspherical designs correct spherical aberrations, which can affect sharpness towards the edges of the frame.



GPS geotagging

Determine your position anywhere in the world with the optional GP-E2 GPS accessory. Embed location and altitude information into the metadata of every image file and use this to search for specific photographs. Or retrace your journey with the supplied EOS Map utility application.

The GP-E2 fits into the camera's hotshoe and communicates with the EOS 7D via a connection cable. It is powered by a single AA/LR2 battery and is weather sealed to the same standards as the EOS 7D, making it the perfect travel companion for the location photographer.

Your complete digital workflow

Canon is unique in being able to provide photographers with a solution for every stage of their digital photography workflow, from capture though to processing and output.

Digital Photo Professional and EOS Solution software

Every EOS DSLR is accompanied by a suite of software that further enhances functionality.

Digital Photo Professional is an application that allows photographers to browse and edit JPEG and RAW image files through an intuitive, fully featured interface. Colour, white balance, brightness contrast and sharpness can all be adjusted, along with a host of other parameters.

Also included is EOS Utility, which provides remote camera control and tethered-shooting facilities, and Picture Style Editor – an application that allows photographers to customize the EOS 7D's built-in Picture Styles.

Photographic printing

Canon PIXMA inkjet printers allow photographers to make stunning prints for fine-art or portfolio use from the convenience of their own home.

Tiny ink droplets deliver exceptional image quality in prints up to A3+ in size. Canon SELPHY dye-sublimation printers offer swift, affordable printing at smaller print sizes from a compact, easy-to-use unit.

Specifications: EOS 7D

IMAGE SENSOR	
Type	22.3mm x 14.9mm CMOS
Effective Pixels	Approx. 18.00 megapixels
Total Pixels	Approx. 19.00 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed with fluorine coating
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	Dual "DIGIC 4"
LENS	
Lens Mount	EF/EF-S
Focal Length	Equivalent to 1.6x the focal length of the lens
FOCUSING	
Type	TTL-CT-SIR with a CMOS sensor
AF System/ Points	19 cross-type AF points (f/2.8 at centre) [11]
AF working range	EV -0.5 - 18 (at 23°C & ISO100)
AF Modes	AI Focus One Shot AI Servo
AF Point Selection	Automatic selection: 19 point AF Manual selection: Single point AF Manual selection: Spot AF Manual selection: AF point Expansion Manual selection: Zone AF AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Indicated by a transmissive LCD in viewfinder and on top LCD panel and Quick Control screen
Predictive AF [7]	Yes up to 8m
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON button is pressed.
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
Manual Focus	Selected on lens, default in Live View Mode
AF Microadjustment	C.Fn III-5 +/- 20 steps Adjust all lenses by same amount Adjust up to 20 lenses individually
EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 63 zone Dual Layer SPC (1) Evaluative metering (linked to All AF point) (2) Partial metering (approx. 9.4% of viewfinder at centre) (3) Spot metering (approx. 2.3% viewfinder at centre) (4) Centre weighted average metering
Metering Range	EV 1 - 20 (at 23°C with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In 1-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in creative zone modes.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	3 Shots +/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity [8]	Auto (100-6400, max ISO can limited by user), 100-6400 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 12800
SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30-1/8000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)
WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
Custom White Balance	Yes, 1 setting can be registered
WB Bracketing	+/-3 levels in single level increments 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.
VIEWFINDER	
Type	Pentaprism
Coverage (Vertical/ Horizontal)	Approx. 100%
Magnification	Approx. 1.0x [4]
Eyepoint	Approx. 22mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m^{-1} (dioptre)
Focusing Screen	Fixed (Transmissive LCD screen)
Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f/4 or shorter)
Viewfinder Information	AF information: AF points, focus confirmation light. Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB. Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light. Image information: White balance correction, CF card information, monochrome shooting, maximum burst (2 digit display), Highlight tone priority (D+). Composition information: Grid, Dual Axis Electronic level
Depth of field preview	Yes, with Depth of Field preview button.
Eyepiece shutter	On strap

LCD MONITOR	
Type	7.5cm (3.0") Clear View II TFT, approx. 920K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx 160°
Coating	Anti-reflection and Solid Structure
Brightness Adjustment	Auto: Using extenal ambient light sensor Manual: Adjustable to one of seven levels
Display Options	(1) Quick Control Screen (2) Camera settings (3) Dual Axis Electronic Level
FLASH	
Built-in Flash GN (ISO 100, meters)	12
Built-in Flash Coverage	up to 15mm focal length (35mm equivalent: 24mm)
Built-in Flash recycle time	Approx. 3 seconds
Modes	Auto, Manual flash, Multi flash, Integrated Speedlite Transmitter
Red-Eye Reduction	Yes
X-sync	1/250sec
Flash Exposure Compensation	+/- 3EV in 1/2 or 1/3 increments
Flash Exposure Bracketing	Yes, with compatible External Flash
Flash Exposure Lock	Yes
Second Curtain Synchronisation	Yes
HotShoe/ PC terminal	Yes/ Yes
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support
External Flash Control	via camera menu screen
SHOOTING	
Modes	Auto (Stills and Movie), Creative Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills and Movie), Custom (x3)
Picture Styles	Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	sRGB and Adobe RGB
Image Processing	Highlight Tone Priority Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Auto Correction of Lens Peripheral illumination RAW image processing - during image Playback only Resize to M or S
Drive modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s +remote)
Continuous Shooting	Max. Approx. 8fps. (speed maintained for up to 130 images (JPEG)[1][10](with UDMA card), 25 images (RAW)) [2] [10]
LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Quick mode, Live mode, Live Face detection mode
Metering	Real-time evaluative metering with image sensor Active metering time can be changed
Display Options	Grid overlay (x2), Histogram
FILE TYPE	
Still Image Type	JPEG: Fine, Normal (Exif 2.21 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, M-RAW, S-RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant
RAW+JPEG simultaneous recording	Yes, any combination of RAW + JPEG, M-RAW + JPEG, S-RAW + JPEG possible.
Image Size	JPEG: (L) 5184x3456, (M) 3456x2304, (S) 2592x1728 RAW: (RAW) 5184x3456, (M-RAW) 3888x2592, (S-RAW) 2592x1728
Movie Type	MOV (Video: H.264, Sound: Linear PCM, recording level can be manually adjusted by user)
Movie Size	1920 x 1080 (29.97, 25, 23.976 fps) 1280 x 720 (59.94, 50 fps) 640 x 480 (59.94, 50 fps)
Movie Length	Max duration 29min 59sec, Max file size 4GB
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES	
Custom Functions	27 Custom Functions with 70 settings
Metadata Tag	User copyright information (can be set in camera) Image rating (0-5 stars)
LCD Panel / Illumination	Yes / Yes
Playback zoom	1.5x - 10x enabled in 15steps
Water/ Dust resistance	Yes (equal to EOS-1N)
Sound Memo	No
Intelligent Orientation Sensor	Yes
Playback zoom	1.5x - 10x
Display Formats	(1) Single image with information (2 levels) (2) Single image (3) 4 image index (4) 9 image index (5) Magnified view
Slide Show	Image selection: All images, by Date, by Folder, Movies, Stills, Rating Playback time: 1/2/3/5 seconds Repeat: On/Off

Histogram	Brightness: Yes RGB: Yes
Highlight Alert	Yes
Image Erase/Protection	Erase: Single image, All images in folder, Checkmarked images, unprotected images Protection: Erase protection of one image at a time
Data Verification	Original image verification data can be appended to the image (OSK-E3 required for verification)
Menu Categories	(1) Shooting menu (x4) (2) Playback menu (x2) (3) Setup menu (x3) (4) Custom Functions menu (5) My Menu
Menu Languages	25 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese
Firmware Update	Update possible by the user.
INTERFACE	
Computer	Hi-Speed USB
Other	HDMI mini output, Video output (PAL/ NTSC), Extension system terminal (for WFT-E5), External microphone (Stereo mini jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes
STORAGE	
Type	CompactFlash Type I/ II (Microdrive compatible, UDMA compatible), external storage with WFT-E5
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows XP (SP2/SP3) / Vista inc SP1 (excl. Starter Edition) / 7 (excl. Starter Edition) OS X v10.6-10.7
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Image Processing	Digital Photo Professional
Other	PhotoStitch, EOS Utility (inc. Remote Capture, WFT utility*), Picture Style Editor ** Requires optional accessory*
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E6 (supplied), 1xCR1616 for date & settings
Battery life	Approx. 800 (at 23°C, AE 50%, FE 50%) [5] Approx. 750 (at 0°C, AE 50%, FE 50%)
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins.
Power Supply & Battery Chargers	AC Adapter Kit ACK-E6, Battery charger LC-E6, Car Battery charger CBC-E6
PHYSICAL SPECIFICATIONS	
Body Materials	Magnesium Alloy body covers
Operating Environment	0 – 40 °C, 85% or less humidity
Dimensions (WxHxD)	148.2 x 110.7 x 73.5mm
Weight (body only)	Approx. 820g
ACCESSORIES	
Viewfinder	Eyecup Eg, Dioptric adjustment lens Eg, Anti-Fog Eyepiece Eg
Case	EH20-L
Wireless File Transmitter	Wireless File Transmitter WFT-E5
Lenses	All EF and EF-S lenses
Flash	Canon Speedlites (220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
Battery Grip	BG-E7
Remote Controller/ Switch	Remote control with N3 type contact, Wireless Controller LC-5, Remote Controller RC-6
Other	Hand Strap E2, GP-E2

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

1. Large/Fine(Quality 8) resolution
2. Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style.Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.
3. Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update).
4. with 50mm lens at infinity, -1m^{-1} dpt
5. Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated
6. Memory card and battery door only
7. with EF300mm f/2.8L IS USM at 50kph
8. Recommended Exposure Index
9. Environmental protection
10. Maximum fps and buffer capacity may be reduced depending on the cameras settings and light level
11. Peripheral Cross type AF points will not function as a cross type AF points with the following lenses: EF 35-80mm f4-5.6 (II/III/USM), EF35-105mm f4.5-5.6 (USM). EF 80-200mm f4.5-5.6 (II)
12. With Battery strength 75% or higher

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